

Product Data Sheet

PU150 CxF-NA black



Art. No.: 908882

M 1:2

Applications

Building material industry	Brick setting belt
General material handling	Horizontal conveying (metering); Waste conveyor, recycling conveyor
Metalworking & automotive industry	Punch press belt; Transport of metal parts; Wrapper belt for coil machinery in steel and aluminium processing
Paper & corrugated cardboard industry	

Order information

Article number	908882
Suitable for corrugated side walls	Yes
Belt style	PU = Polyurethane
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyurethane, hard
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Black
Driving face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Black
Tension member material	2-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1
Remarks to tension member	Carcass impregnated with oil and fat resistant polyvinylchloride

Technical data

Total thickness	4.06 mm ± 0.25 0.16 in ± 0.01
Weight	4.88 kg/m ² ± 0.49 1 lbs/ft ² ± 0.1
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	9 N/mm / 51.39 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	26 N/mm / 150 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.8
Friction coefficient of top face against steel panel according ISO 21182	1
Permissible operating temperature	-29/82 °C -20/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	90

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Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> ▶ Good grip ▶ Coating/fabric high abrasion resistant ▶ High cut resistance ▶ Adhesive
Belt support	Support rollers
UV resistance	Normal

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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Fabrication

Suitable for corrugated side walls	Yes
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	On request

Minimum drum diameter

Z-splice, counter-bending	76 mm / 3 in
Wedge overlap splice, bending	89 mm / 3.5 in

Remarks

Chemical resistance	Very Good
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The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations.

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